

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant: Mikihide NAKAMARU *et al.*Title: REACTOR CORE AND  
METHOD FOR OPERATING  
NUCLEAR REACTOR

Appl. No.: 09/978,308

Filing Date: 10/17/2001

Examiner: R. Palabrica

Art Unit: 3641

**AMENDMENT TRANSMITTAL**Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small Entity status under 37 C.F.R. § 1.9 and § 1.27 has been established by a previous assertion of Small Entity status.
- ☐ Assertion of Small Entity status is enclosed.
- ☒ The fee required for additional claims is calculated below:

	Claims As Amended		Previously Paid For		Extra Claims Present		Rate		Additional Claims Fee
Total Claims:	8	-	20	=	0	x	\$18.00	=	\$0.00
Independent Claims:	2	-	3	=	0	x	\$86.00	=	\$0.00
First presentation of any Multiple Dependent Claims:						+	\$290.00	=	\$0.00
CLAIMS FEE TOTAL								=	\$0.00

- ☒ Applicants hereby petition for an extension of time under 37 C.F.R. §1.136(a) for the total number of months checked below:

<input checked="" type="checkbox"/> Extension for response filed within the first month:	\$110.00	\$110.00
<input type="checkbox"/> Extension for response filed within the second month:	\$420.00	\$0.00
<input type="checkbox"/> Extension for response filed within the third month:	\$950.00	\$0.00
<input type="checkbox"/> Extension for response filed within the fourth month:	\$1,480.00	\$0.00
<input type="checkbox"/> Extension for response filed within the fifth month:	\$2,010.00	\$0.00
EXTENSION FEE TOTAL:		\$110.00
<input type="checkbox"/> Statutory Disclaimer Fee under 37 C.F.R. 1.20(d):	\$110.00	\$0.00
CLAIMS, EXTENSION AND DISCLAIMER FEE TOTAL:		\$110.00
<input type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):		\$0.00
TOTAL FEE:		\$110.00

- ☐ Please charge Deposit Account No. 19-0741 in the amount of \$0.00. A duplicate copy of this transmittal is enclosed.
- ☒ A check in the amount of \$110.00 is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment of any such extensions fees to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date 8/30/04  
 FOLEY & LARDNER LLP  
 Customer Number 22428  
 Washington Harbour  
 3000 K Street, N.W., Suite 500  
 Washington, D.C. 20007-5143  
 Telephone: (202) 672-5426  
 Facsimile: (202) 672-5399

By P.D.S.  
 Glenn Law  
 Attorney for Applicants  
 Registration No. 34,371  
  
 Paul D. Strain  
 Agent for Applicants  
 Registration No. 47,369



Atty. Dkt. No. 086531-0130

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AF  
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**AMENDMENT AND REPLY UNDER 37 CFR 1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

This communication is responsive to the Final Office Action dated April 30, 2004, concerning the above-referenced patent application.

Applicants have enclosed with this amendment a Petition for Extension of Time to make this response timely.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 4 of this document.

Please amend the application as follows:

08/31/2004 CNGUYEN 00000053 09978308

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